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Ngày T6 18/07/2025 10:24 SA

Đến Nguyen Duyen Phong <nguyenduyenphong@humg.edu.vn>

Bạn thường không nhận được email từ earthscience.editorial.office@frontiersin.org. [Tìm hiểu lý do tại sao điều này lại quan trọng](#).

Dear Dr Nguyen Duyen,

Thank you for submitting your independent review report for the manuscript "Analysis of dust pollution effect after blasting and dust removal parameters under hybrid ventilation in digging face". The handling editor has been notified, and you can find a copy of your report below.

You will be informed once the interactive review process is activated, to allow direct discussion with the authors. Until this next stage, you can still modify your report if you have any outstanding comments.

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To familiarize yourself further with the Frontiers review guidelines:

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Manuscript title: Analysis of dust pollution effect after blasting and dust removal parameters under hybrid ventilation in digging face

Manuscript ID: 1639226

Authors: Jie Liu, Chenwei Hao, Wanqing Wang, Xuehua Luo, Liangyun Teng, Fei Cai and Yi Chen

Journal: Frontiers in Earth Science, section Geoinformatics

Article type: Original Research

Submitted on: 01 Jun 2025

Edited by: Wajid Ali

Independent Review Report, Reviewer: Phong Nguyen Duyen

EVALUATION

Please list your revision requests for the authors and provide your detailed comments, including highlighting limitations and strengths of the study and evaluating the validity of the methods, results, and data interpretation. If you have additional comments based on Q2 and Q3 you can add them as well.

- The manuscript should change the keyword Gray correlation analysis = blasting
- In the overview, it is necessary to add some other studies in the world to convince the reader.
- The manuscript must cite references in expressions (1), (2), (3), (4).
- The manuscript is about dust pollution from metal mine excavation after blasting, but the research team cites research from some coal mines. In fact, there are big differences between coal mines and metal mines. Therefore, the manuscript needs to add more research on metal mines for the article to have scientific value.
- Need to check some spelling mistakes
- Needs minor repairs

Check List

a. Is the quality of the figures and tables satisfactory?

Yes

b. Does the reference list cover the relevant literature adequately and in an unbiased manner?

No

c. Are the statistical methods valid and correctly applied? (e.g. sample size, choice of test)

Yes

d. Is a statistician required to evaluate this study?

Yes

e. Are the methods sufficiently documented to allow replication studies?

No

QUALITY ASSESSMENT:

Rigor

4

Quality of the writing

3

Overall quality of the content

4

Interest to a general audience

4

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